

Title (en)

Colour display tube system with reduced spot growth.

Title (de)

Farbbildröhrensystem mit reduziertem Fleckwachstum.

Title (fr)

Système de tube-image à croissance de spot réduite.

Publication

**EP 0421523 A1 19910410 (EN)**

Application

**EP 90202573 A 19900928**

Priority

- NL 8902436 A 19891002
- NL 9001868 A 19900824

Abstract (en)

A colour display tube system comprising an electron gun for producing three co-planar electron beams, and including a main deflection system (13) which in operation generates deflection fields of the self-convergent type, and an auxiliary deflection system which (14, 14') in operation generates a 45<o> magnetic 4-pole field facing the electron gun and moving the outer electron beams away from each other, and a 45<o> magnetic 4-pole field facing the display screen and moving the outer beams towards each other.

IPC 1-7

**H01J 29/56; H01J 29/70**

IPC 8 full level

**H01J 29/48** (2006.01); **H01J 29/54** (2006.01); **H01J 29/56** (2006.01); **H01J 29/70** (2006.01); **H01J 29/76** (2006.01)

CPC (source: EP US)

**H01J 29/563** (2013.01 - EP US); **H01J 29/702** (2013.01 - EP US); **H01J 2229/5687** (2013.01 - EP US)

Citation (search report)

- [A] EP 0231964 A1 19870812 - PHILIPS NV [NL]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 8 (E-152)[1153], 13th January 1983; & JP-A-57 168 455 (MITSUBISHI) 16-10-1982

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DE4191630B4; KR970707568A; EP1026900A3; EP0512613A1; US5319280A; EP0507382A1; US5565732A; EP0892421A1; EP0507383A1; US5196768A; US6580206B2; US7839979B2; US6630803B1; WO0033349A1; WO2008044194A3; WO0079561A1; WO2004025686A1; US6307333B1; US6411027B1; US6376981B1; US6194823B1; US6335589B2; WO9934392A1; WO9941763A1; WO0079560A1; WO0079562A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0421523 A1 19910410; EP 0421523 B1 19950628**; CN 1023046 C 19931208; CN 1050791 A 19910417; DE 69020478 D1 19950803; DE 69020478 T2 19960222; JP 3198106 B2 20010813; JP H03201347 A 19910903; US 5027042 A 19910625; US RE35548 E 19970701

DOCDB simple family (application)

**EP 90202573 A 19900928**; CN 90108143 A 19900929; DE 69020478 T 19900928; JP 26491190 A 19901002; US 2614793 A 19930225; US 59134490 A 19901001